

Woodford Shale Play, Anadarko Basin, OK and TX: Key Geologic Features

Woodford Shale Producers by Type

- Gas Only
- Condensate / Oil (GOR > 10,000 and Liquid Production Reported)
- Oil (GOR < 10,000)
- Commingled Woodford Shale and Non-Shale

Woodford Shale Structure, subsea feet (Cardott, 1985)

Woodford Shale Thickness, feet (Cardott, 1985)

Woodford Thermal Maturity, Mean Vitrinite Reflectance, % Ro (Cardott, 1989)

- All other values of Ro
- NE edge of Gas Window (Ro = 1.4%, Cardott, 2010)

Normal Fault (Ball and Bar on Downthrown Block)

Thrust Fault (Sawteeth on Upper Plate)

Basins

Geographic Labels: OK, TX, ANADARKO BASIN, ANADARKO SHELF, CHEROKEE PLATFORM, WICHITA UPLIFT, MARIETTA BASIN, ARDMORE BASIN, ARBUCKLE UPLIFT, Garfield, Noble, Payne, Logan, Lincoln, Canadian, Oklahoma City, Oklahoma, Cleveland, McClain, Grady, Garvin, Stephens, Carter, Murray, Comanche, Cotton, Jackson, Milbarger, Kiowa, Beckham, Washita, Caddo, Dewey, Blaine, Kingfisher, Major, Woodward, Ellis, Roberts, Hemphill, Roger Mills, Wheeler, Gray, Ochiltree, Lipscomb, Major, Garfield, Noble, Payne, Logan, Lincoln, Canadian, Oklahoma City, Oklahoma, Cleveland, McClain, Grady, Garvin, Stephens, Carter, Murray, Comanche, Cotton, Jackson, Milbarger, Kiowa, Beckham, Washita, Caddo, Dewey, Blaine, Kingfisher, Major, Woodward, Ellis, Roberts, Hemphill, Roger Mills, Wheeler, Gray, Ochiltree, Lipscomb.

Source: Energy Information Administration based on well data from HPDI and B. Cardott (OK Geological Survey). Only wells producing from the Woodford Shale with first production after 1-1-2001 are shown. Basins and faults from Northcutt & Campbell (1995); Cardott (1985). Updated: March 30, 2010